

Delaware Electric Cooperative
Generator Interconnection Application – Short Form
(For Use with Generators less than 100 kW DC)

An applicant (Generator Owner) makes application to Delaware Electric Cooperative to install and operate a generating facility less than 100 kW DC and interconnected with the Delaware Electric Cooperative utility system.

Section 1, Applicant Information Directly Interconnected to the Generating System

Is the following system: ☐ Leased or ☒ Member Owned
Type of Application: ☒ Initial or ☐ Addition/Upgrade

Name: Elizabeth Rives & Alison Willocks

Mailing Address: 9806 Wilkerson Road

City: Milford State: DE ZipCode: 19963

Email Address: alisonwillocks@hotmail.com

Facility Location (if different from above): _____

Telephone: Area Code 571 Number 239-6038 (Evening) Area Code _____ Number _____

Delaware Electric Cooperative Account No.: 10283502 Rate Code: 1B2

Section 2, Equipment Contractor

Name: Liberty

Mailing Address: 5700 Kirkwood Highway

City: Wilmington State: DE ZipCode: 19808

Email Address: solar@goliberty.co Telephone (Daytime): Area Code 302 Number 660-2187

Section 3, General Service Requirements

If different from the existing service, what size service will the generation facility require?

☒ 200A ☐ 400A ☐ 600A ☐ 800A

If this is a new account for a Solar System, what Voltage/Phase will be required?

☒ 120/240V-1Ph ☐ 120/208V-1Ph ☐ 120/208V-3Ph ☐ 277/480V-3Ph

Section 4, Application Fee

This application fee is applicable for all new PV applications received on or after May 20, 2016. The cost will be \$50.00 per application (new and/or upgrade) for systems 25 kW DC or less. For systems over 25 kW DC the fee will be \$50.00 plus \$1.00 kW DC over 25 kW DC. All interconnection applications submitted to DEC shall be accompanied with the appropriate fee made out to Delaware Electric Cooperative and are non-refundable. No applications will be considered without the fee.

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Section 5, Generator Type

Is Generator powered from a Renewable Energy Source: ☒ Yes No ☐

Type of Energy Source (if applicable): ☒ Solar ☐ Wind ☐ Other _____

Other generator energy source: ☐ Diesel ☐ Natural Gas ☐ Fuel Oil Other: _____

Will excess power be exported to Delaware Electric Cooperative? ☒ Yes No ☐

(Typical) Maximum Export: 5.0 kW DC/AC

2 Yr. Avg. Annual Usage (kWh): 17,712 Forecast Annual kWh: 13,797

(Note: The Annual Forecast MUST be completed using **4.5 peak sun light hours per days**)

Section 5, Generator Technical Information

Please fill out the Initial Rating information if there is currently no generating facility on-site. If adding a generating facility to an existing facility, fill out the Initial Rating Information, the Added Rating Information and the Total Rating Information

Generator (or solar collector) Manufacturer, Model Name & Number: Canadian Solar 340
(A copy of Generator Nameplate and Manufacturer's Specification Sheet may be substituted)

Inverter Manufacturer, Model Name & Number (if used): Fronius Primo 8.4
(A copy of Inverter Nameplate and Manufacturer's Specification Sheet may be substituted)

Initial Rating:

DC System Design Capacity: 8.84 (kW) _____ (kVA)

Inverter Capacity: 8.4 (Maximum AC kW)

AC System Design Capacity: 8.4 (kW) _____ (kVA)

Added Rating:

DC System Design Capacity: _____ (kW) _____ (kVA)

Inverter Capacity: _____ (Maximum AC kW)

AC System Design Capacity: _____ (kW) _____ (kVA)

Total Rating (Existing and New):

DC System Design Capacity: 8.84 (kW) _____ (kVA)

Inverter Capacity: 8.4 (Maximum AC kW)

AC System Design Capacity: 8.4 (kW) _____ (kVA)

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Prior to installation send the completed Pages 1-3 to Delaware Electric Cooperative, Attn: Troy Dickerson, Manager of Engineering; Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600 Greenwood, DE 19950

Section 8, PRELIMINARY Approval to Proceed with Interconnection

Delaware Electric Cooperative: ☐ Has Approved ☐ Has Not Approved this Preliminary Application.

Name : _____ Date: _____

Signature: _____

Reason of Not Approving: _____

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Section 9, Installation Details

Generating System will be installed by: ☐ Owner ☒ State Licensed Electrician

Installing Electrician: Jerry Taylor Firm: Liberty License No.: 1032

Mailing Address: 5700 Kirkwood Highway

City: Wilmington State: DE Zip Code: 19808

Telephone with Area Code: 302-660-2187

Installation Date: 10/30/2016 Interconnection Date: 9/20/2016

Supply certification that the generating system has been installed and inspected in compliance with the local Building/Electrical code of the municipality of _____

Signed (Inspector): _____ Date: _____
(In lieu of signature of Inspector, a copy of the final inspection certificate may be attached)

Section 10, Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct.

Name of Applicant (Printed): _____ Date: _____

Signature of Applicant: _____

Section 11, FINAL Approval or Non-Approval

Delaware Electric Cooperative: ☐ Has Approved ☐ Has Not Approved this Interconnection Application.

Name : _____ Date: _____

Signature: _____

Reason of Not Approving: _____

Approval to connect to the Company system indicates only that the minimum requirements for a safe proper interconnection have been satisfied. Such approval does not imply that the Generator Owner's facility meets all federal, state and local standards or regulations.

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Section 12, Internal Checks and Notifications

- | | |
|---|------------------------------|
| DEC has performed a site visit and approved the system: | <input type="checkbox"/> Yes |
| DEC has installed a Warning Label on or near the service meter: | <input type="checkbox"/> Yes |
| Notify Billing Dept. of Interconnected Generation: | <input type="checkbox"/> Yes |
| Notify Mapping Dept. of Interconnected Generation: | <input type="checkbox"/> Yes |
| Notify Metering Dept. of Interconnected Generation: | <input type="checkbox"/> Yes |
| Notify System Protection of Interconnected Generation: | <input type="checkbox"/> Yes |

At completion send Pages 5 - 6 to Delaware Electric Cooperative, Attn: Troy Dickerson, Manager of Engineering: Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600 Greenwood, DE 19950